Technical Guide Section II Forestland Interpretations Page 1 OF 31

Forestland Productivity and Management Alcona County, Michigan

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation.)

	 		 		Potential prod	uctivi	ty	
Map symbol and soil name	Erosion hazard potential	Site preparation limitations		Potential Seedling Mortality	Common trees	!	 Volume of wood fiber*	Suggested trees to plant
11B: Eastport	 Slight 	 Well suited 	 Slight 	 Low 	Eastern white pine	 	 	Eastern white pine, jack pine, red pine.
	 		 		Jack pine Paper birch Quaking aspen Red maple Red pine	 	 69	
12B: Tawas	 Slight 	 Well suited 	 Severe Wetness	 High Wetness 	Balsam fir Black ash Northern white-cedar Quaking aspen Red maple	 	71 	
Au Gres	 Slight 	 Well suited 	 Moderate 	 High 	 Balsam fir	 	 	Norway spruce, eastern white pine, red pine, white
			Wetness	Wetness 	Bigtooth aspen Eastern hemlock Eastern white pine Jack pine Northern white-cedar Paper birch Quaking aspen Red maple Yellow birch	 51 70 65	 -2 72 86 43 	spruce.
16B: Graycalm	 Slight 	 Well suited 	 Slight 	Low	 Bigtooth aspen	 70 	 86	 Eastern white pine, red
					Eastern white pine Jack pine Northern red oak Paper birch Quaking aspen Red pine	56 62 60	 86 57 57 100	pine.
16C: Graycalm	 Slight 	 Well suited 	 Slight 	Low	 Bigtooth aspen 	 70 	 86 	 Eastern white pine, red
					Eastern white pine Jack pine Northern red oak Paper birch Quaking aspen Red pine	56 62 60	 86 57 57 100	pine.
16D:							İ	

^{*}See footnote at end of table.

	 	 	 		Potential produ	uctivi	ty	
Map symbol and soil name	Erosion hazard potential	 Site preparation limitations		Potential Seedling Mortality	Common trees		 Volume of wood fiber*	Suggested trees to plant
Graycalm	 Moderate 	 Poorly suited	 Slight 	Low	 Bigtooth aspen	 70 	 86 	 Eastern white pine, red pine.
	Slope/erod ibility	 Slope 	 		 Eastern white pine 	 	 	pine.
	 	 	 - 		Jack pine Northern red oak Paper birch	62	86 57 	
	 	 	 		Quaking aspen Red pine		57 100	
16E: Graycalm	 Moderate 	 Poorly suited	 Slight 	Low	 Bigtooth aspen	 70 	 86 	 Eastern white pine, red pine.
	Slope/erod ibility	Slope	 	İ	Eastern white pine	i	 	
					Jack pine Northern red oak Paper birch	62	86 57	
	 	 			Quaking aspen Red pine	60	57 100	
17B: Croswell	 Slight 	 Well suited 	 Slight 	Low	 Bigtooth aspen 	 69 	 86 	 Eastern white pine, red pine, white
	 	 	 		 Black cherry Eastern white pine		 	spruce.
					Jack pine Northern red oak	53 	72	
	 	 	 		Paper birch Quaking aspen Red maple Red pine	68	57 72 86	
18A: Au Gres	 Slight 	 Well suited 	 Moderate 	 High 	 Balsam fir 	 	 	Norway spruce, eastern white pine, red pine, white spruce.
	 	 	 Wetness 	Wetness	Bigtooth aspen Eastern hemlock Eastern white pine	 	 	spruce.
	 	 	 		Jack pine Northern white-cedar Paper birch Quaking aspen		72 86	
					Red maple Yellow birch	65	43	
19: Leafriver	 Slight	 Well suited	!	High	Black spruce		 	
	 	 	Wetness 	Wetness	Northern white-cedar Quaking aspen Tamarack	45	 29 	 -
26B:			 			 	 	

Technical Guide Section II Forestland Interpretations Page 3 OF 31

	 	 	 		Potential prod	uctivi	ty	
Map symbol and soil name	Erosion hazard potential	Site preparation limitations		Potential Seedling Mortality	Common trees	!	 Volume of wood fiber*	 Suggested trees to plant
Cublake	 Slight 	 Well suited 	 Slight 	Low	 American basswood 	 	 	Eastern white pine, jack pine, red pine.
		ļ	İ		Bigtooth aspen Eastern white pine		 	l I
	 	İ			Jack pine			
	į	į		İ	Northern pin oak			
	l I		<u> </u>		Northern red oak Paper birch		 	
	İ	İ	 		Quaking aspen			
	ļ	ļ			Red maple			
					Red pine	60 	100 	
27A: Tacoda	 Slight 	 Well suited 	 Moderate 	 High 	 Eastern white pine 	 	 	 Eastern white pine, red pine, white spruce.
	į	į	Wetness	Wetness	Paper birch		i	-
					Quaking aspen		 100	
	<u> </u>				Red pine	58	100	
28B: East Lake	 Slight 	 Well suited 	 Slight 	Low	 Jack pine 	 	 	 Eastern white pine, jack pine, red pine.
	į	į		į	Northern red oak		j	_
	 	l I	 		Paper birch Quaking aspen		 	
		İ			Red maple			
	j I	j I	<u> </u> 	İ	Red pine	55 	86 	
28C: East Lake	 Slight 	 Well suited 	 Slight 	Low	 Jack pine 	 	 	Eastern white pine, jack pine, red pine.
	j	į		İ	Northern red oak			
			l I		Paper birch Quaking aspen		 	
	 				Red maple		29	
	į	į		į	Red pine	55	86	
28E: East Lake	 Moderate 	 Poorly suited 	 Slight 	Low	 Jack pine 	 	 	Eastern white pine, jack pine, red
	 Slope/erod	 Slope			 Northern red oak	 	 	pine.
	ibility 	 			Paper birch		 	
	l I] 		Quaking aspen Red maple		 29	 -
			 		Red maple		86	
29A:	 -	 			 			
Battlefield	Slignt 	Well suited	Moderate Wetness	High Wetness	Balsam fir Paper birch		 	White spruce.
	İ	İ			Quaking aspen	68	72	İ
					Red maple		ļ	
	I I		 		Sugar maple	 	 	 -

^{*}See footnote at end of table.

	 	 	 		Potential produ	activi	ty	
Map symbol and soil name	Erosion hazard potential	preparation	Windthrow n hazard s potential	Potential Seedling Mortality	Common trees		 Volume of wood fiber*	Suggested trees to plant
30: Wheatley	 Slight 	 Well suited 	 Severe 	 High 	 Balsam fir	40	 71 	 Norway spruce, eastern white pine, white
	 	 	 Wetness	Wetness	 Black spruce	15	 29	spruce.
	İ	İ	İ	İ	Eastern hemlock		i	İ
					Northern white-cedar	15	43	
	ļ	ļ	ļ		Quaking aspen	45	29	
	 	 	 		Red maple	40 	29 	
31B: Klacking	 Slight 	 Well suited 	 Slight 	Low	 Bigtooth aspen 		 86 	Eastern white pine, red pine.
					Black cherry			
					Northern red oak	60	57	
					Red maple White oak	57	43	
31C: Klacking	 Slight 	 Well suited 	 Slight 	 Low 	 Bigtooth aspen 	l	 86 	 Eastern white pine, red pine.
					Black cherry			
					Northern red oak	60	57	
		ļ		ļ	Red maple			
	 	 	 		White oak	57 	43	
31D: Klacking	 Moderate 	 Poorly suited 	 Slight 	Low	 Bigtooth aspen 	70 70	 86 	Eastern white pine, red pine.
	Slope/erod ibility	Slope	[[İ	Black cherry	 I	 	[
	į	į	j	j	Northern red oak	60	57	İ
	ļ	ļ	!	ļ	Red maple			
	 	 	 		White oak	57 	43	
31E: Klacking	 Moderate 	 Poorly suited	 Slight 	Low	 Bigtooth aspen 	70 	 86 	 Eastern white pine, red pine.
	 Slope/erod ibility	Slope			Black cherry			
	IDITICY				Northern red oak Red maple	60	 57 	
					White oak	57	43	
35:	 	 	 				l I	
Kinross	Slight	Well suited		High	Balsam fir			
			Wetness	Wetness	Black spruce			
			 		Jack pine Northern white-cedar		 	
	I I	I I	I I		Quaking aspen		 29	
	i i	l I	! 		Red maple		29	
					Tamarack			

Technical Guide Section II Forestland Interpretations Page 5 OF 31

		İ	j I		Potential prod	uctivi	ty	
Map symbol and soil name	Erosion hazard potential	preparation		 Potential Seedling Mortality	Common trees		 Volume of wood fiber*	Suggested trees to plant
Annalake	 Slight 	 Well suited 	 Slight 	Low	 American basswood 	 	 	Eastern white pine, red pine, white spruce.
	l I		 		American beech Eastern white pine		 	
	İ	İ	İ		Northern red oak			İ
	į	į	į	İ	Red maple			į
	ļ				Red pine			
					Sugar maple		43	
	I I		 		White ash Yellow birch		 	
	į	į	į	į		<u> </u>	į	į
36C: Annalake	 Slight 	 Well suited 	 Slight 	Low 	 American basswood 	 	 	 Eastern white pine, red pine, white spruce.
					American beech			
			 		Eastern white pine Northern red oak		 	
	 		 		Red maple			
	İ	İ	İ		Red pine			İ
	İ	İ	j	İ	Sugar maple		43	į
					White ash			
	l I		 		Yellow birch	 	 	
37A: Richter	 Slight 	 Well suited 	 Moderate 	 High 	 Balsam fir 	 	 	Eastern white pine, northern white-cedar, white spruce.
	İ		Wetness	Wetness	Black ash			white bpiace.
	İ	İ			Eastern hemlock			İ
	ļ.				Paper birch			
					Quaking aspen			
			 		Red maple		43 43	l I
	İ		 		Sugar mapre	01	43	
38:			İ			ļ	ļ	İ
Tonkey	Slight	Well suited	Severe Wetness	High Wetness	American basswood		43	
			Wechess	Wethess	Balsam fir			l I
	İ	i	İ		Northern white-cedar		i	İ
	į	j	į	İ	Quaking aspen		72	į
	!				Red maple			
	l		 		Swamp white oak	 	 	
39B: Glennie	 Slight 	 Well suited	 Slight 	Low	 American beech	 	 	 Eastern white pine, red
	į Į					į Į	į į	pine, white spruce.
		1	 		Balsam fir Bigtooth aspen		 	l I
					Eastern white pine			
	İ	İ	İ	i	Northern red oak		72	İ
	į	į	İ	İ	Paper birch	j		İ
	ļ	ļ	ļ	!	Red maple			
	!				White ash			

^{*}See footnote at end of table.

	 	 			Potential produ	uctivi	ty	
Map symbol and soil name	 Erosion hazard potential	Site preparation limitations		 Potential Seedling Mortality	Common trees		 Volume of wood fiber*	Suggested
Glennie	 Slight 	 Well suited 	 Slight 	Low	 American beech 	 	 	 - Eastern white pine, red pine, white spruce.
	 	 		 	Balsam fir Bigtooth aspen		 	
	[Eastern white pine			
					Northern red oak		72	
	 	l I			Paper birch Red maple		 	
					White ash			
40A: Sprinkler	 Slight 	 Well suited 	 Moderate 	 High 	 Balsam fir	 	 	 Eastern white pine, white
	l I	l I	 Wetness	 Wetness	 Bigtooth aspen		 	spruce.
			Wethess	Wechess	Black ash			
	İ				Eastern white pine			
	j	į		j	Paper birch	i	i	
	[Quaking aspen			
	l I	l I		 	Red maple	60 I	43	
41B: Mcginn	 Slight 	 Well suited 	 Slight 	Low	 Bigtooth aspen	 	 	 Red pine, white spruce.
	İ	i		i	Northern red oak	67	57	
	İ	į	İ	İ	Red pine		i	j
	l I	 	<u> </u>		White oak	65 I	57 	
41C: Mcginn	 Slight 	 Well suited	 Slight 	Low	 Bigtooth aspen	 	 	 Red pine, white spruce.
	į	į		į	Northern red oak	67	57	_
	l I				Red pine	65	 57	
41D: Mcginn	 Moderate 	 Poorly suited	 Slight 	Low	 Bigtooth aspen	 	 	 Red pine, white spruce.
	Slope/erod ibility	Slope			Northern red oak	67 	57	
	10111109			İ	Red pine			
					White oak	65	57	
42A: Killmaster	 Slight 	 Well suited 	 Slight 	 Low 	 American basswood 	 	 	 Eastern white pine, white ash, white
	ļ			!			ļ	spruce.
			Wetness		Balsam fir		 57	
		 	 		Bigtooth aspen Northern red oak		57 	
					Paper birch			
	i	į	İ	i	Red maple			İ
	İ		ĺ	İ	White ash			
					White spruce			
43:			 					l I
40.	I	I	I	1	I	I	I	I

			 		Potential produ	uctivi	ty	
Map symbol and soil name	Erosion hazard potential	Site preparation limitations	Windthrow n hazard s potential	Potential Seedling Mortality	Common trees		 Volume of wood fiber*	Suggested
Wakeley	 Slight	 Well suited	 Severe	High	 Balsam fir	 	 	 Northern
	 		 Wetness 	Wetness	 Black spruce Northern white-cedar	j	 	white-cedar.
44B:	 		 		Quaking aspen	50 	43 	
Ossineke	Slight 	Well suited	 	Low	American basswood 	 	 	Norway spruce, eastern white pine, red pine, white spruce.
			Wetness		American beech		 	
			l I		Bigtooth aspen Eastern hemlock		 	
	İ	i	İ	i	Northern red oak	1		İ
	ļ	ļ		ļ	Paper birch			
					Sugar maple White ash		43	
45B: Hoist	 Slight 	 Well suited 	 Slight 	 Low 	 American basswood 	 	 	 Eastern white pine, red pine, white spruce.
	İ	İ	İ	İ	Balsam fir			
		ļ		ļ	Eastern white pine			
			l I		Northern red oak Paper birch		72 	
					Quaking aspen			
	j	j	į	j	Red pine	i		j
			 		Sugar maple White ash		43	
45C: Hoist	 Slight 	 Well suited 	 Slight 	 Low 	 American basswood 	 	 	Eastern white pine, red pine, white spruce.
			 		Balsam fir Eastern white pine		 	
	İ		İ	i	Northern red oak		72	
	İ	į	į	į	Paper birch			į
					Quaking aspen		 	
			l I		Red pine		 43	
			 		White ash	 	 	
46: Ensley	 Slight	 Well suited	 Severe 	High	 Balsam fir	 60 	114	 Green ash, white spruce.
			Wetness	Wetness	Black ash			"TITCE SPINCE.
	ļ		ļ	ļ	Red maple	62	43	ļ
					White ash White spruce		 	
			 		Yellow birch		 	
	İ	İ	İ	İ		Ϊ	İ	İ
53B:					1			

	 		 		Potential prod	uctivi	ty	
Map symbol and soil name	Erosion hazard potential	Site preparation limitations		Potential Seedling Mortality	Common trees		 Volume of wood fiber*	Suggested trees to plant
Negwegon	 Slight 	 Poorly suited	 Slight 	 Low 	 American beech	 	 	 Eastern white pine, white spruce.
	 	Stickiness	Wetness 		Balsam fir Bigtooth aspen Eastern hemlock Northern red oak Sugar maple	 	 	
520.	 		 		White ash			
53C: Negwegon	 Slight 	Poorly suited	 Slight 	Low	 American beech 	 	 	 Eastern white pine, white spruce.
	 	Stickiness	Wetness 	 	Balsam fir Bigtooth aspen Eastern hemlock Northern red oak Sugar maple	 	 43	
54A:	 		 		White ash		 	
Algonquin	 Slight 	Poorly suited 	 Moderate 	High 	Balsam fir	 45 	86 	Eastern white pine, northern white-cedar, white spruce.
	 	Stickiness	Wetness - -	Wetness 	Balsam poplar Black ash Northern white-cedar Paper birch Quaking aspen Red maple	 	 	
55: Springport	 Slight 	 Poorly suited	 Severe 	 High 	 Balsam fir	 	 86 	 Eastern white pine, northern
	 	Stickiness	 Wetness	Wetness	 Black ash	 	 	white-cedar, white spruce.
	 	 	 		Northern white-cedar Paper birch Quaking aspen	Í	 	
56B: Nester	 Slight 	 Well suited 	 Slight 	 Low 	 American basswood 	 	 	Eastern white pine, red pine, white spruce.
	 		 		American beech Black cherry Northern red oak	j	 	
	 				Quaking aspen Sugar maple White ash	 61	 43 	
56C:	 		 		White oak		 	

Technical Guide Section II Forestland Interpretations Page 9 OF 31

	 	 	 		Potential produ	uctivi	ty		
Map symbol and soil name	Erosion hazard potential	 Site preparation limitations		Potential Seedling Mortality	Common trees		 Volume of wood fiber*	Suggested trees to plant	
Nester	 Slight 	 Well suited 	 Slight 	Low	 American basswood 	 	 	Eastern white pine, red pine, white pruce.	
	į	 	 		American beech				
	 	 	 		Northern red oak Quaking aspen Sugar maple		 43	 	
	 	 	 		White ash White oak		 	 	
57B: Kawkawlin	 Slight 	 Well suited 	 Moderate 	 High 	 American basswood 	 	 	 Norway spruce, eastern white pine, red pine, white	
	 	 	 Wetness 	 Wetness	 Bigtooth aspen Northern red oak		 	spruce. 	
					Quaking aspen				
		 	 		Red maple	60	43	 	
					Swamp white oak White ash				
59B: Algonquin	 Slight 	 Poorly suited 	 Moderate 	 High 	 Balsam fir 	 45 	 86 	Eastern white pine, northern white-cedar,	
		 Stickiness	 Wetness	Wetness	 Balsam poplar			white spruce. 	
		 	 		Black ash Northern white-cedar		 		
	į			į	Paper birch	i			
	 	 	 		Quaking aspen Red maple				
Springport	 Slight 	 Poorly suited 	 Severe 	 High 	 Balsam fir 	 45 	 86 	 Eastern white pine, northern white-cedar, white spruce.	
		Stickiness	Wetness	Wetness	Black ash Northern white-cedar		 		
		 	 		Paper birch				
	į Į	 	 	İ	Quaking aspen	 	 	 	
60D: Glennie, Well Drained		 Poorly suited 	 Slight 	Low	 American beech 	 	 	 Eastern white pine, red pine, white spruce.	
	Slope/erod ibility	 Slope 	 		Balsam fir	 	 		
					Bigtooth aspen				
		I I	 	-	Eastern white pine		 72	 	
	İ	į		İ	Paper birch			İ	
			 		Red maple			 	
	i .	I .	I .	1	c aou			I .	

^{*}See footnote at end of table.

	 	 	 		Potential produ	uctivi	ty	
Map symbol and soil name	Erosion hazard potential	 Site preparation limitations		 Potential Seedling Mortality	Common trees		 Volume of wood fiber*	Suggested trees to plant
Glennie, Well Drained		 Poorly suited 	 Slight 	 Low 	 American beech 	 	 	 Eastern white pine, red pine, white spruce.
	Slope/erod ibility	Slope	 		Balsam fir	 	 	
					Bigtooth aspen Eastern white pine Northern red oak	 72	 72	
	 	 	 		Paper birch Red maple White ash		I	
61C:	i I	j 	<u> </u>		İ	i i	j I	
Manistee	Slight 	Well suited 	Slight 	Low	American basswood	 	 	Eastern white pine, red pine.
					Bigtooth aspen Eastern hemlock			
		 	 		Eastern white pine			
	İ	İ	İ	j	Northern red oak	56	43	
					Red maple			
		l I	 		Red pine		 43	
					White ash			
61D: Manistee	 Moderate 	 Poorly suited 	 Slight 	 Low 	 American basswood 	 	 	 Eastern white pine, red pine.
	Slope/erod ibility	Slope	 		Bigtooth aspen	74	 86 	
	ļ	ļ		İ	Eastern hemlock			
		l I	 		Eastern white pine Northern red oak		 43	
	i	İ	 	İ	Red maple			
	į	į	į	į	Red pine			
		 	 		Sugar maple White ash		43	
61F:		l I	l I		Ī	 	 	
Manistee	Severe	 Poorly suited	Slight 	Low	American basswood	 	 	 Eastern white pine, red pine.
	Slope/erod ibility	 Slope 	 		 Bigtooth aspen	 74 	 86 	pine.
	į -	į	į	į	Eastern hemlock			ĺ
		l I	 		Eastern white pine Northern red oak		 43	
					Red maple	j	j	
					Red pine			
		 	 		Sugar maple White ash		43	
62A:	 	 	 				 	

	 			 	 Potential prod	uctivi	ty	
Map symbol and soil name	Erosion hazard potential	Site preparation limitations	Windthrow n hazard s potential	 Potential Seedling Mortality	Common trees		 Volume of wood fiber*	Suggested trees to plant
Allendale	 Slight 	 Well suited 	 Moderate 	 High 	 Balsam fir 	 	 	 Eastern white pine, white
			Wetness	Wetness 	Eastern white pine Paper birch Quaking aspen Red maple White ash White spruce	 60 	 57 	spruce.
63C: Bamfield	 Slight 	 Well suited 	 Slight 	Low	 American basswood 	 	 	 Norway spruce, eastern white pine, red pine, white spruce.
					American beech Bigtooth aspen Eastern hemlock Northern red oak Paper birch Sugar maple White ash	 	 43	
63D: Bamfield	 Moderate 	 Poorly suited 	 Slight 	Low	 American basswood 	 	 	Norway spruce, eastern white pine, red pine, white spruce.
	 Slope/erod ibility	 Slope 			 American beech 	 	 	spidce.
					Bigtooth aspen Eastern hemlock Northern red oak Paper birch Sugar maple White ash	 61	 43 	
63F: Bamfield	 Severe 	 Poorly suited 	 Slight 	Low	 American basswood 	 	 	Norway spruce, eastern white pine, red pine, white
	Slope/erod ibility 	Slope			American beech Bigtooth aspen Eastern hemlock Northern red oak Paper birch Sugar maple White ash	 61	 43	spruce.
66D:	j 			<u> </u> 	<u> </u>] 	<u> </u> 	<u> </u>

		 	 		Potential produ	uctivit	Ey	
Map symbol and soil name	Erosion hazard potential	Site preparation limitations		 Potential Seedling Mortality	Common trees		 Volume of wood fiber*	Suggested trees to plant
Alcona	 Moderate 	 Poorly suited 	 Slight 	 Low 	 American basswood 	 	 	Eastern white pine, red pine, white
	Slope/erod ibility	 Slope 	 		 American beech 	 	 	spruce.
		į Į	 		Eastern white pine			
	İ	İ	İ	i	Red maple			İ
					Red pine			
					Sugar maple		43	
					White ash			
		ļ			Yellow birch			
	ļ	!	!	!	!	ļ		
66E: Alcona	 Moderate 	 Poorly suited 	 Slight 	Low	 American basswood 	 	 	 Eastern white pine, red pine, white spruce.
	Slope/erod ibility	Slope	 		American beech	 	 	<u> </u>
					Eastern white pine			
					Northern red oak			
					Red maple			
		ļ			Red pine			
		 	 		Sugar maple		43	
		l I	 		Yellow birch	 	 	
68: Rondeau	 Slight 	 Unsuited Wetness 	 Severe Wetness	 High Wetness	 	 		
69:								
Loxley	Slight	Well suited		High	Balsam fir			
		 	Wetness	Wetness	Black spruce Tamarack		29	
70:		 	 		 	 		
Lupton	Slight	Well suited		High	Balsam fir		86	
			Wetness	Wetness	Black ash			
	ļ	!	!	!	Black spruce		29	
		ļ			Northern white-cedar			
					Paper birch			
		l I	l I		Quaking aspen Red maple			l I
		I I	 		Tamarack]
					White spruce		 	
71:	 Clicht	 Well	 	III als	 	 40		
Tawas	Silgnt	Well suited		High	Balsam fir		71	
		 	Wetness	Wetness	Black ash Northern white-cedar			
		I I	I I		Quaking aspen]
		i I	! 		Red maple			!
	İ	İ	İ	İ				

	 	 	 		Potential produ	uctivi	ty	
Map symbol and soil name	Erosion hazard potential	Site preparation limitations		 Potential Seedling Mortality	Common trees		 Volume of wood fiber*	Suggested trees to plant
Dorval	 Slight 	 Well suited 	 Severe 	 High 	 American elm	 	 	 Northern white-cedar, white spruce.
	 	 - -	Wetness 	Wetness 	Northern white-cedar Red maple White ash	50	 29 	
73: Markey	 Slight 	 Well suited 	 Severe Wetness 	 High Wetness 	 Balsam fir Black ash Black spruce Northern white-cedar	 	 	
	 				Paper birch Quaking aspen Red maple Tamarack White spruce	45 		
74C2: Negwegon	 Slight 	 Poorly suited	 Slight 	 Low 	American beech	 	 	 Eastern white pine, white
		Stickiness	Wetness		Balsam fir Bigtooth aspen Eastern hemlock Northern red oak Sugar maple White ash	 62	 43 	spruce.
77: Rollaway	 Slight 	 Well suited 	 Moderate Wetness 	 High Wetness 	Balsam fir Black ash	35 30 40	71 29 43 29	
78: Pits	 Not rated 	 Not rated 	 Not rated 	 Not rated Horizon table contains no data		 	 	
80F: Zimmerman	 Severe 	 Unsuited 	 Slight 	 Low 	 Jack pine 	 65 	 100 	 Eastern white pine, jack pine, red pine, white
	 Slope/erod ibility	 Slope 	 		 Paper birch	j 	 	spruce.
		 	 	 	Quaking aspen Red maple Red pine		86 114	 - -

	 	 	 		Potential produ	uctivi	ty	
Map symbol and soil name	Erosion hazard potential	Site preparation limitations		 Potential Seedling Mortality	Common trees		 Volume of wood fiber*	Suggested trees to plant
Alcona	 Severe 	 Unsuited 	 Slight 	 Low 	 American basswood 	 	 	 Eastern white pine, red pine, white spruce.
	Slope/erod ibility	Slope			American beech		 	
					Eastern white pine Northern red oak Red maple	 	 	
	 	 			Red pine Sugar maple White ash Yellow birch	61	 43 	
81B:					 	Ϊ 		
Grayling	Slight 	Well suited 	Slight 	Low	Jack pine Northern pin oak	Ì	57 29	Jack pine, red pine.
	 				Quaking aspen Red pine White oak	 	 	
81C: Grayling	 Slight	 Well suited	 Slight	Low	 Jack pine	 48	 57	 Jack pine, red
Grayiing	 	well suited 		LEOW	 Northern pin oak	Ì	29	pine.
	 				Quaking aspen Red pine White oak	 	 	
81E: Grayling	 Moderate	 Poorly	 Slight	Low	 Jack pine	 48	 57	 Jack pine, red
	 Slope/erod ibility	suited Slope 			 Northern pin oak	43	 29	pine.
		 			Quaking aspen Red pine White oak	ĺ	 	
82C: Udorthents	 Slight 	 Well suited 	 Slight 	 Low 		 	 	
83B: Udipsamments	 Slight 	 Well suited 	 Slight 	 Low		 	 	
83F: Udipsamments	 Moderate Slope/erod ibility	 Poorly suited Slope	 Slight 	Low		 	 	
84B:		 	 		i I	į į	į Į	

	 	 			 Potential prod ¹ 	ıctivity		 	
Map symbol and soil name	Erosion hazard potential	Site preparation limitations		 Potential Seedling Mortality	Common trees		 Volume of wood fiber*	Suggested trees to plant	
Zimmerman	 Slight 	 Well suited 	 Slight 	Low	Jack pine] 	 100 	Eastern white pine, jack pine, red pine, white spruce.	
	 	 			Paper birch Quaking aspen	70	 86	 	
	 	 			Red maple Red pine		 114		
84C: Zimmerman	 Slight 	 Well suited 	 Slight 	 Low 	Jack pine	 65 	 100 	 Eastern white pine, jack pine, red pine, white spruce.	
					Paper birch			spruce.	
	 	 	<u> </u>		Quaking aspen Red maple		86 		
	 	 			Red pine		114		
84D: Zimmerman	 Moderate 	 Poorly suited 	 Slight 	 Low 	 Jack pine 	 65 	 100 	Eastern white pine, jack pine, red pine, white	
	 Slope/erod	 Slope			 Paper birch	 	 	spruce.	
	ibility 	 	[]		 Quaking aspen	 70	 86		
					Red maple Red pine		114		
85B: Zimmerman	 Slight 	 Well suited 	 Slight 	Low	Jack pine	 65 	 100 	Eastern white pine, jack pine, red pine, white spruce.	
	į	į			Paper birch		 86		
	 	 			Quaking aspen Red maple Red pine		00 114		
Annalake	 Slight 	 Well suited 	 Slight 	 Low 	American basswood	Ì	İ	Eastern white pine, red pine, white spruce.	
					American beech				
	 	 			Eastern white pine Northern red oak		 		
	ļ	ļ			Red maple				
					Red pine Sugar maple		 43	 	
			 		White ash Yellow birch		 		
85D:					TCTTOM DITCHT				

	 	 	 		Potential prod	uctivi	ty	
Map symbol and soil name	Erosion hazard potential	Site preparation limitations		Potential Seedling Mortality	Common trees		 Volume of wood fiber*	Suggested trees to plant
Zimmerman	 Moderate 	 Well suited 	 Slight 	 Low 	Jack pine] 	 100 	 Eastern white pine, jack pine, red pine, white spruce.
	l I	 	 		Paper birch		 86	
		İ			Red maple			
					Red pine	64	114	
Annalake	 Moderate 	 Well suited 	 Slight 	Low	 American basswood 	 	 	 Eastern white pine, red pine, white spruce.
		İ		İ	American beech	i		
	ļ	ļ		İ	Eastern white pine			
			 		Northern red oak		 	
	I I	l I	[[Red maple			
	İ	İ		i	Sugar maple		43	İ
	İ	İ	İ	İ	White ash		i	j
			 		Yellow birch			
86: Aquents	 Slight 	 Unsuited Wetness 	 Severe Wetness	 High Wetness	 	 	 	
Histosols	 Slight 	 Unsuited Wetness 	 Severe Wetness 	 High Wetness 	 	 	 	
87:	 	[[
Ausable	Slight	Well suited		High	Balsam poplar	j	j	
			Wetness	Wetness	Black ash			
	l I	l I	 		Northern white-cedar Paper birch		29	
	İ	İ		İ		Ϊ	İ	İ
88D: Hoist, Well Drained	 Moderate 	 Poorly suited 	 Slight 	Low	 American basswood 	 	 	 Eastern white pine, red pine, white
	 Slope/erod	 Slope			American beech	 		spruce.
	ibility		 		 Eastern white pine	 		
		I I	 	-	Northern red oak		72	I
	İ	İ			Paper birch			
	į	j	İ	j	Quaking aspen	i		j
	ļ	ļ		!	Red pine			ļ
		 	 		Sugar maple	66 	43	
	i	i	i	i		ì	i	i

	 	 	 		Potential produ	uctivi	ty	
Map symbol and soil name	Erosion hazard potential	 Site preparation limitations 		 Potential Seedling Mortality	Common trees		 Volume of wood fiber*	Suggested trees to plant
Bamfield	 Moderate 	 Poorly suited 	 Slight 	 Low 	 American basswood 	 	 	 Norway spruce, eastern white pine, red pine, white
	 Slope/erod ibility	 Slope 	 		American beech	 	 	spruce.
	1511167				Bigtooth aspen Eastern hemlock Northern red oak Paper birch Sugar maple White ash	 61	 43 	
Lupton	 Slight 	Unsuited Wetness	 Severe Wetness 	 High Wetness 		 	 	
90B: Chinwhisker	 Slight 	 Well suited 	 Slight 	Low	 Bigtooth aspen	 70 	 86 	 Eastern white pine, jack pine, white spruce.
	 	 	 		Jack pine Paper birch		 86 	spruce.
	 	 	 		Quaking aspen Red maple		 	
91E: Glennie, Well Drained	 Moderate 	 Poorly suited	 Slight 	 Low 	 American beech 	 	 	Eastern white pine, red pine, white
	 Slope/erod ibility	 Slope 	 		 Balsam fir	 	 	spruce.
		 	 		Bigtooth aspen Eastern white pine	j		
	 	 	 		Northern red oak Paper birch Red maple	j	72 	
	j 	j 	<u> </u> 		White ash		 	
Lupton	Slight 	Unsuited Wetness	Severe Wetness	High Wetness		 	 	
92B: Klacking	 Slight 	 Well suited 	 Slight 	Low	 Bigtooth aspen 	 70 	 86 	 Eastern white pine, red pine.
	 	 			Black cherry Northern red oak	 60	 57	
					Red maple White oak		43	
Mcginn	 Slight 	 Well suited	 Slight 	Low	 Bigtooth aspen	 	 	 Red pine, white spruce.
	 	 	 		Northern red oak Red pine	 67 	 57 	wifice spruce.
	 	 	 		White oak	 65 	57	
93B:	İ	İ			İ	İ	İ	

^{*}See footnote at end of table.

	 	 			Potential produ	uctivi	ty	
Map symbol and soil name	Erosion hazard potential	Site preparation limitations		 Potential Seedling Mortality	Common trees		 Volume of wood fiber*	Suggested trees to plant
Tacoda	 Slight 	 Well suited 	 Moderate 	 High 	 Eastern white pine 	 	 	 Eastern white pine, red pine, white
	 	 	 Wetness 	 Wetness 	 Paper birch Quaking aspen Red pine	j	 100	spruce.
Wakeley	 Slight 	 Well suited 	 Severe 	 High 	 Balsam fir	 	 	 Northern white-cedar.
		 	 Wetness 	Wetness 	Black spruce Northern white-cedar Quaking aspen	i	 43	
94F: Klacking	 Moderate 	 Poorly suited	 Slight 	 Low 	 - Bigtooth aspen -	 70 	 86 	 Eastern white pine, red pine.
	 Slope/erod ibility	 Slope 		 	 Black cherry	 	 	pine.
	 	 		<u> </u> 	Northern red oak	i	57 43	
Mcginn	 Severe	 Poorly	 Slight	 Low	White oak Bigtooth aspen	Ì		 Red pine,
	Slope/erod	suited Slope		<u> </u> 	 Northern red oak	67	 57	white spruce.
	ibility 	 		 	 Red pine White oak	 65	 57	
96D2: Mongo	 Moderate 	 Poorly suited	 Slight 	 Low 	 American beech	 	 	 Eastern white pine, white spruce.
	 Slope 	 Slope Stickiness	 		 Balsam fir Bigtooth aspen		 	spruce.
	 				Eastern hemlock Northern red oak	j		
					Sugar maple White ash	62	43	
97: Colonville	 Slight 	 Well suited 	 Moderate 	Low	 American basswood 	 65 	 57 	 Norway spruce, eastern white pine, northern red
	 	 	 Wetness	 	 Balsam fir		 114	oak, northern white-cedar, white spruce.
		 		 	Northern white-cedar Quaking aspen Red maple Swamp white oak	 61 66	72 43 43	
98C:	 	 		 	White ash	65 	57 	

	 	 	 	 	 Potential prod	uctivi	ty	
Map symbol and soil name	Erosion hazard potential	Site preparation limitations		 Potential Seedling Mortality	Common trees		 Volume of wood fiber*	Suggested trees to plant
Graycalm, Pitted outwash	 Slight 	 Well suited 	 Slight 	 Low 	 Bigtooth aspen	i I	 86 	 Eastern white pine, red pine.
					Eastern white pine Jack pine		 86	
		l I	l I		Northern red oak		66 57	
	1	! 	I I		Paper birch		J, 	
	İ	İ			Quaking aspen		57	
	İ	İ	İ	İ	Red pine	61	100	İ
102D: Curtisville	 Moderate 	 Poorly suited 	 Slight 	 Low 	 American basswood 	 	 	 Norway spruce, eastern white pine, red pine, white
	 Slope/erod	 Slope		ļ	 American beech	 	 	spruce.
	ibility	j	İ	j	İ	Ì	ĺ	į
		ļ			Black cherry			
					Northern red oak			
					Quaking aspen Sugar maple		 43	
		l I	l I		Sugar maple		43 	
		! 	I I		White oak			
	į					Ì		
102E: Curtisville	 Moderate 	 Poorly suited 	 Slight 	Low	 American basswood 	 	 	 Norway spruce, eastern white pine, red pine, white
	Slope/erod ibility	 Slope 	 		 American beech	 	 	spruce.
		İ	İ		Black cherry			
	İ	İ	į	İ	Northern red oak	i		İ
					Quaking aspen			
	!	!			Sugar maple		43	
		l I	l I		White ash		 	
		 	 		WILLE Oak		 	
102F: Curtisville	 Severe 	 Poorly suited 	 Slight 	Low	 American basswood 	 	 	 Norway spruce, eastern white pine, red pine, white
	 Slope/erod	 Slone	 		 American beech	 	 	spruce.
	ibility	 Diobe			DEEGII			
]	į	į		Black cherry			ĺ
	ļ	ļ	!		Northern red oak			
					Quaking aspen		 43	
		l I	I I		Sugar maple White ash		43	
					White ash			
	İ	j	į	İ	j	Ì	j	j
110D:	I	l						

Technical Guide Section II Forestland Interpretations Page 20 OF 31

Forestland Productivity and Management--Continued

	 	 -	 -		Potential prod	uctivi	ty	
Map symbol and soil name	 Erosion hazard potential	 Site preparation limitations		 Potential Seedling Mortality	Common trees		 Volume of wood fiber*	 Suggested trees to plant
Mongo	 Moderate 	 Poorly suited	 Slight 	Low	 American beech 	 	 	 Eastern white pine, white
	 Slope 	 Slope Stickiness 			Balsam fir	 62	 43 	spruce.
110F: Mongo	 Severe 	 Poorly suited	 Slight 	Low	 American beech	 	 	Eastern white
	 Slope 	 Slope Stickiness 			Balsam firBalsam fir	 62	 43	spruce.
111B: Kellogg	 Slight 	 Well suited 	 Slight 	Low	 American basswood 	 	 	 Eastern white pine, red
					Bigtooth aspen Eastern hemlock Eastern white pine Northern red oak Red maple Sugar maple White ash	 56 	86 43 43 	pine.
209B: Grayling	 Slight 	 Well suited 	 Slight 	Low		 	 	
210B: Grayling	 Slight 	 Well suited 	 Slight 	Low	Jack pine Northern pin oak Quaking aspen Red pine White oak	 43 	57 29 	Jack pine, red
210C: Grayling	 Moderate 	 Well suited 	 Slight 	Low	 Jack pine Northern pin oak Quaking aspen	 43 	 57 29 	Jack pine, red pine.
210D: Grayling	 Slope/erod	 Poorly suited Slope	 Slight 	Low	Red pine	 48 	 57 29	Jack pine, red
	ibility 	 	 		 Quaking aspen Red pine White oak	i	 	
211B:	 	 	 			 	 	

FOTG NOTICE: 155 04/02

^{*}See footnote at end of table.

Technical Guide Section II Forestland Interpretations Page 21 OF 31

	 	 	 		 Potential prod 	uctivi	ty	
Map symbol and soil name	Erosion hazard potential	Site preparation limitations		 Potential Seedling Mortality	Common trees		 Volume of wood fiber*	Suggested trees to plant
Grayling	 Slight 	 Well suited 	 Slight 	 Low 	 	 	 	
211C: Grayling	 Moderate 	 Well suited 	 Slight 	 Low	 	 	 	
212B: Grayling	 Slight 	 Well suited 	 Slight 	 Low 	 Jack pine Northern pin oak	Ì	 57 29	Jack pine, red pine.
213B: Graycalm	 Slight 	 Well suited 	 Slight 	 Low 	 	 	 	
213C: Graycalm	 Moderate 	 Well suited 	 Slight 	Low		 	 	
215C: Typic Udipsamments		 Well suited 	 Slight 	 Low 		 	 	
220B: Typic Udipsamments	 Slight 	 Well suited 	 Slight 	Low		 	 	
220C: Typic Udipsamments		 Well suited 	 Slight 	Low	 	 	 	
220D: Typic Udipsamments	 Moderate Slope/erod ibility	 Poorly suited Slope	 Slight 	 Low 		 	 	
220E: Typic Udipsamments	 Severe Slope/erod ibility	 Unsuited Slope	 Slight 	 Low 		 	 	
221B: Typic Udipsamments	 Slight 	 Well suited 	 Slight 	 Low 		 	 	
221C: Typic Udipsamments	 Moderate 	 Well suited 	 Slight 	 Low 		 	 - - -	
221D: Typic Udipsamments	 Moderate Slope/erod ibility	 Poorly suited Slope	 Slight 	Low		 	 	
222B:	 	 	 				 	

^{*}See footnote at end of table.

	 	 	 	 	 Potential prod	uctivi	ty	_
Map symbol and soil name	Erosion hazard potential	Site preparation limitations		 Potential Seedling Mortality	Common trees		 Volume of wood fiber*	Suggested
Typic Udipsamments	 Slight 	 Well suited 	 Slight 	 Low 		 	 	
223B: Graycalm	 Slight 	 Well suited 	 Slight 	 Low 	 	 	 	
Grayling	 Slight 	 Well suited 	 Slight 	Low	Jack pine Northern pin oak Quaking aspen Red pine White oak	 	 57 29 	 Jack pine, red pine.
223C: Graycalm	 Moderate 	 Well suited 	 Slight 	Low	 	 	 	
Grayling	 Moderate 	 Well suited 	 Slight 	Low	Jack pine	 43 	 57 29 	Jack pine, red pine.
223D: Graycalm	 Moderate Slope/erod ibility	 Poorly suited Slope	 Slight 	Low		 	 	
Grayling	 Moderate Slope/erod ibility 	 Poorly suited Slope 	 Slight 	Low	Jack pine Northern pin oak Quaking aspen Red pine White oak	 43 	57 29 	Jack pine, red
224B: Croswell	 Slight 	 Well suited 	 Slight 	Low	Black cherry Eastern white pine Jack pine Northern red oak Paper birch Quaking aspen Red maple Red pine	 53 54 68 	86 86 72 57 72 86	Eastern white pine, red pine, white spruce.
Haplorthods, Loamy substratum		 Well suited 	 Slight 	Low		 	 - - - - -	
225C:				1	I		I	l

^{*}See footnote at end of table.

Technical Guide Section II Forestland Interpretations Page 23 OF 31

	 	 		 	 Potential prod 	uctivi	ty	
Map symbol and soil name	Erosion hazard potential	 Site preparation limitations		 Potential Seedling Mortality	Common trees		 Volume of wood fiber*	Suggested trees to plant
Entic Haplorthods, Loamy substratum	 Moderate 	 Well suited 	 Slight 	Low		 		
230C: Alfic Haplorthods-	 Moderate 	 Well suited 	 Slight 	 Low 		 	 	
Entic Haplorthods-	 Moderate 	 Well suited 	 Slight 	 Low 		 	 - - -	
231B: Entic Haplorthods-	 Slight 	 Well suited 	 Slight 	 Low 		 	 	
Alfic Haplorthods-	 Slight 	 Well suited 	 Slight 	 Low 		 	 	
231C: Entic Haplorthods-	 Moderate 	 Well suited 	 Slight 	 Low 		 	 	
Alfic Haplorthods-	 Moderate 	 Well suited 	 Slight 	 Low 		 	 	
231D: Entic Haplorthods-	 Moderate Slope/erod ibility	 Poorly suited Slope	 Slight 	Low		 		
Alfic Haplorthods-	 Moderate Slope/erod ibility	 Poorly suited Slope	 Slight 	 Low 		 	 	
232B: Entic Haplorthods-	 Slight 	 Well suited 	 Slight 	 Low 		 	 	
Alfic Haplorthods-	 Slight 	 Well suited 	 Slight 	 Low 		 	 	
233B: Alfic Haplorthods-	 Slight 	 Well suited 	 Slight 	 Low 		 	 	
Entic Haplorthods-	 Slight 	 Well suited 	 Slight 	 Low 		 	 	
233C:				<u> </u> 		İ	 	

^{*}See footnote at end of table.

	 	 	 		Potential prod	luctivi	ty	
Map symbol and soil name	Erosion hazard potential	Site preparation limitations	Windthrow hazard potential	Potential Seedling Mortality	Common trees		 Volume of wood fiber*	Suggested trees to plant
Alfic Haplorthods-	 Moderate 	 Well suited 	 Slight 	 Low 			 	
Entic Haplorthods-	 Moderate 	 Well suited 	 Slight 	 Low			 	
233D: Alfic Haplorthods-	 Moderate Slope/erod ibility	 Poorly suited Slope	 Slight 	Low		 	 	
Entic Haplorthods-	 Moderate Slope/erod ibility	 Poorly suited Slope 	 Slight 	Low		 	 	
235B: Alfic Haplorthods-	 Slight 	 Well suited 	 Slight 	 Low 		 	 	
Alfic Haplorthods-	 Slight 	 Well suited 	 Slight 	 Low 			 	
235C: Alfic Haplorthods-	 Moderate 	 Well suited 	 Slight 	 Low 			 	
Alfic Haplorthods-	 Moderate 	 Well suited 	 Slight 	 Low 		 	 	
235D: Alfic Haplorthods-	 Moderate Slope/erod ibility	 Poorly suited Slope	 Slight 	Low		 	 	
Alfic Haplorthods-	 Moderate Slope/erod ibility	 Poorly suited Slope	 Slight 	 Low 			 	
236B: Arenic Hapludalfs	 Slight 	 Well suited 	 Slight 	Low			 	
236C: Arenic Hapludalfs	 Moderate Slope	 Well suited 	 Slight 	Low			 	
237B:	<u> </u> 	j 	j 			j 	j 	

^{*}See footnote at end of table.

Map symbol and soil name		 Site preparation limitations		 Potential Seedling Mortality	Potential prod	uctivi	ty		
	Erosion hazard potential				Common trees		 Volume of wood fiber*	Suggested trees to plant	
Typic Glossudalfs-	 Slight 	 Well suited 	 Slight 	Low		 	 	 	
237C: Typic Glossudalfs-	 Moderate Slope	 Well suited 	 Slight 	 Low 		 		 	
237D: Typic Glossudalfs-	 Moderate Slope Slope/erod ibility	 Poorly suited Slope	 Slight 	Low		 		 	
247B: Glennie	 Slight 	 Well suited 	 Slight 	Low	 American beech 	 	 	 Eastern white pine, red pine, white	
					Balsam fir Bigtooth aspen Eastern white pine Northern red oak Paper birch Red maple White ash	 72 	 72 	spruce. - - - -	
Ossineke	 Slight 	 Well suited 	 Slight 	Low	 American basswood 	 	 	Norway spruce, eastern white pine, red pine, white	
			Wetness		American beech Bigtooth aspen Eastern hemlock Northern red oak Paper birch Sugar maple White ash	 61	 43 	spruce.	
247C: Glennie	 Slight 	 Well suited 	 Slight 	Low	 American beech 	 	 	Eastern white pine, red pine, white spruce.	
					Balsam fir Bigtooth aspen Eastern white pine Northern red oak Paper birch Red maple White ash	 72 	 72 		

Map symbol and soil name	Erosion hazard potential	Site preparation limitations	 		Potential productivity			
				Potential Seedling Mortality	Common trees		 Volume of wood fiber*	Suggested trees to plant
Bamfield	 Moderate 	 Well suited 	 Slight 	 Low 	 American basswood 	 	 	 Norway spruce eastern white pine, red pine, white spruce.
	l I	 	 		American beech Bigtooth aspen		 	
	İ	İ	İ	İ	Eastern hemlock	j		
					Northern red oak Paper birch		 	
	 	 	 		Sugar maple	 61	 43	
	 	 	 		White ash	 	 	
	 Moderate 	 Poorly suited 	 Slight 	 Low 	 American beech 	 	 	Eastern white pine, red pine, white spruce.
	Slope/erod ibility	Slope			Balsam fir			Sprace.
	DITTLY	 	 		 Bigtooth aspen			
	İ	İ	j	j	Eastern white pine		i	İ
					Northern red oak		72	
	l I	 	 		Paper birch Red maple		 	
		 	 		White ash			
Bamfield	 Moderate 	 Poorly suited 	 Slight 	 Low 	 American basswood 	 	 	 Norway spruce, eastern white pine, red pine, white spruce.
	Slope/erod ibility	Slope	 		American beech	 	 	
		İ		İ	Bigtooth aspen			
	ļ	ļ	!		Eastern hemlock			
		 			Northern red oak Paper birch		 	
		 			Sugar maple		43	
	į į	j I	j I		White ash		 	
250D: Typic Glossudalfs-	 Moderate Slope Slope/erod	 Poorly suited Slope	 Slight 	 Low 		 	 	
	ibility	 	 					
Haplosaprists,	 Slight 	 Well suited 	 Moderate 	High		 	 	
Buic	į į	į į	Wetness	Wetness	<u> </u> 	į į	İ İ	
252A: Haplosaprists,	 Slight	 Well suited	 Moderate	 High	 	 	 	
Euic			 Wetness	Wetness			l	
	<u> </u> 					i I	i I	

Map symbol and soil name			 	Potential Seedling Mortality	Potential produ	uctivi	ty	Suggested
	Erosion hazard potential		!		Common trees		 Volume of wood fiber*	
Au Gres S	 Slight 	 Well suited 	 Moderate 	 High 	 Balsam fir 	 	 	Norway spruce, eastern white pine, red pine, white spruce.
			Wetness	Wetness	Bigtooth aspen Eastern hemlock Eastern white pine Jack pine Northern white-cedar Paper birch Quaking aspen Red maple Yellow birch	 51 70 65	 72 	
253A: Au Gres	 Slight 	 Well suited 	 Moderate 	 High 	 Balsam fir 	 	 	 Norway spruce, eastern white pine, red pine, white spruce.
			Wetness	Wetness 	Bigtooth aspen Eastern hemlock Eastern white pine Jack pine Northern white-cedar Paper birch Quaking aspen Yellow birch	 51 70 65	 72 86 43	
Allendale	 Slight 	 Well suited	 Moderate 	High	 Balsam fir	 	 	 Eastern white pine, white
			Wetness	Wetness	Eastern white pine Paper birch Quaking aspen Red maple White ash White spruce	 60 	 57 	spruce.
Croswell	 Slight 	 Well suited 	 Slight 	Low	 Bigtooth aspen 	 69 	 86 	Eastern white pine, red pine, white
					Black cherry Eastern white pine Jack pine Northern red oak Paper birch Quaking aspen	 53 54	 57	spruce.
	<u> </u>				Red maple Red pine	i	 86	
262A:			 				 	

	 		 		Potential prod	uctivi	ty	
Map symbol and soil name	Erosion hazard potential	Site preparation limitations		Potential Seedling Mortality	Common trees	!	 Volume of wood fiber*	Suggested
Au Gres	 Slight 	 Well suited 	 Moderate 	 High 	 Balsam fir	 	 	 Norway spruce, eastern white pine, red pine, white spruce.
		 	Wetness 	Wetness 	Bigtooth aspen Eastern hemlock Eastern white pine Jack pine Northern white-cedar Paper birch Quaking aspen	 51 70		spruce.
263A:	 		 		Red maple Yellow birch		43 	
	Slight 	Well suited	Moderate Wetness	Low		 	 	
264A: Allendale	 Slight 	 Well suited 	 Moderate 	 High	 Balsam fir	 	 	 Eastern white pine, white spruce.
			Wetness 	Wetness	Eastern white pine Paper birch Quaking aspen Red maple White ash	 60 	 57 	aprace.
272: Endoaquods	 Slight 	 Well suited 	 Moderate Wetness	 High Wetness		 	 	
Fluvaquents	 Slight 	 Well suited 	 Moderate Wetness	 High Wetness		 	 	
273: Leafriver	 Slight 	 Well suited 	 Moderate Wetness 	 High Wetness 	 Black spruce Northern white-cedar Quaking aspen Tamarack	 45	 29 	
Wakeley	 Slight 	 Well suited	 Moderate 	 High 	 Balsam fir	 	 	 Northern white-cedar.
	 		Wetness 	Wetness	Black spruce Northern white-cedar Quaking aspen	j	 43	
274: Typic Endoaquods, WET	 Slight 	 Well suited	 Moderate 	 High	 	 	 	
MRT	 		 Wetness 	 Wetness 			 	
280:	j 		 		İ İ	 	<u> </u> 	<u> </u>

^{*}See footnote at end of table.

Map symbol and soil name		 Site preparation limitations	 	 Potential Seedling Mortality	Potential produ	uctivi	ty	Suggested
	Erosion hazard potential				Common trees		 Volume of wood fiber*	
Aquents	Slight	 Unsuited Wetness	 Severe Wetness	 High Wetness 		 	 	
Histosols	Slight	 Unsuited Wetness	 Severe Wetness	 High Wetness	 	 	 	
281: Haplosaprists, Dysic	Slight	 Well suited 	 Moderate Wetness	 High Wetness	 Black spruce 	 	 	
282: Haplosaprists, Euic	Slight	 Well suited 	 Moderate Wetness	High 		 	 	
426B: Coppler	Slight	 Well suited 	 Slight 	Low	 Eastern white pine 	 	 	 Eastern white pine, jack pine, red
				 	Jack pine Northern red oak Red pine Sugar maple Yellow birch	 58	 43 	pine.
426C: Coppler	Slight	 Well suited 	 Slight 	 Low 	 Eastern white pine 	 	 	 Eastern white pine, jack pine, red
					Jack pine Northern red oak Red pine Sugar maple Yellow birch	 58	 43 	pine.
426D: Coppler	Moderate	 Poorly suited 	 Slight 	 Low 	 Eastern white pine 	 	 	Eastern white pine, jack pine, red
	Slope/erod ibility	 Slope 			Jack pine Northern red oak Red pine Sugar maple Yellow birch	 58	 43 	pine.
426E:				İ	İ	İ		

Technical Guide Section II Forestland Interpretations Page 30 OF 31

			Potential Seedling Mortality	Potential productivity			
				Common trees			 Suggested trees to plant
Moderate	 Poorly suited	Slight	Low	Eastern white pine	 	 	Eastern white pine, jack pine, red pine.
Slope/erod ibility	 Slope 			 Jack pine 	 	 	pine.
-	İ		İ	Northern red oak	i		
						43	
	 		 	Yellow birch	 	 	
	 			İ	¦	l İ	
	hazard potential Moderate Slope/erod	hazard preparation potential limitations Moderate Poorly suited Slope/erod Slope	hazard preparation potential limitations potential Moderate Poorly suited Slope/erod Slope	hazard preparation hazard Seedling potential limitations potential Mortality Moderate Poorly Slight Low Slope/erod Slope	Erosion Site Windthrow Potential Common trees hazard preparation hazard Seedling Mortality Moderate Poorly Slight Low Eastern white pinesuited Jack pinesuited Jack pinesuited Northern red oakstands pinesuited Slope Jack	Erosion Site Windthrow Potential Common trees Site index preparation potential limitations potential Poorly Slight Low Eastern white pine	Erosion Site Windthrow hazard preparation potential limitations potential potential Poorly Suited Slope/erod ibility Site Windthrow hazard Seedling potential Mortality Moderate Poorly Slight Low Eastern white pine Red pine Sugar maple 58 43

Technical Guide Section II Forestland Interpretations Page 31 OF 31

Forestland Productivity and Management--Continued

ENDNOTE--FORESTLAND INTERPRETATIONS

The information in the above table can help forest owners or managers plan the use of soil for wood crops. They show the potential productivity of the soils for wood crops and rate the soils according to the limitations that affect various aspects of forest management.

The POTENTIAL PRODUCTIVITY of merchantable or COMMON TREES on a soil is expressed as a SITE INDEX and as a volume number. The site index is the average height, in feet, that dominant and codominant trees of a given species attain in a specified number of years. The site index applies to fully stocked, even aged, unmanaged stands. Commonly grown trees are those that forest managers generally favor in intermediate or improvement cuttings. They are selected on the basis of growth rate, quality, value and marketability.

The VOLUME OF WOOD FIBER, a number, is the yield likely to be produced by the most important tree species. This number, expressed as cubic feet per acre per year and calculated at the age of culmination of the mean annual increment (CMAI), indicates the amount of fiber produced in a fully stocked, even aged, unmanaged stand.

TREES TO MANAGE are those that are prefered for planting, seeding, or natural regeneration and those that remain in the stand after thinning or partial harvest.

Interpretative ratings are given for various aspects of forest management. Some rating class terms indicate the degree to which the soils are suited to a specified forest management practice. Well suited indicates that the soil has features that are favorable for the specified practice and has no limitations. Good performance can be expected, and little or no maintenance is needed. Moderately suited indicates that the soil has features that are moderately favorable for the specified practice. One or more soil properties are less than desirable, and fair performance can be expected. Some maintenance is needed. Poorly suited indicates that the soil has one or more properties that are unfavorable for the specified practice. Overcoming the unfavorable properties requires special design, extra maintenance, and costly alteration. Unsuited indicates that the expected performance of the soil is unacceptable for the specified practice or that extreme measures are needed to overcome the undesirable soil properties.

EROSION HAZARD POTENTIAL ratings are based on the soil erodibility factor K, slope, and content of rock fragments. The ratings apply to unsurfaced roads and trails. The hazard is described as slight, moderate, or severe. A rating of slight indicates that little or no erosion is likely; moderate indicates that some erosion is likely, that the roads or trails may require occasional maintenance; and that simple erosion-control measures are needed; and severe indicates that significant erosion is expected, tht the roads or trails require frequent maintenance, and that costly erosion-control measures are needed.

SITE PREPARATION LIMITATIONS ratings are based on slope, depth to a restrictive layer, plasticity index, rock fragments on or below the surface, depth to a water table, and ponding. The soils are described as well suited, poorly suited, or unsuited to this management activity. The part of the soil from the surface to a depth of about 1 foot is considered in the ratings.

Ratings in the column WINDTHROW HAZARD POTENTIAL is the likelihood that trees will be uprooted by wind because the soil is not deep enough for adequate root anchorage. The main restrictions that affect rooting are a seasonal high water table and the depth to bedrock, a fragipan, or other limiting layers. A rating of slight indicates that under normal conditions no trees are blown down by the wind. Strong winds may damage trees, but they do not uproot them. A rating of moderate indicates that some trees can be blown down during periods when the soil is wet and winds are moderate or strong. A rating of severe indicates that many trees can be blown down during these periods.

POTENTIAL SEEDLING MORTALITY ratings are based on flooding, ponding, depth to a water table, content of lime, reaction, salinity, available water capacity, soil moisture regime, soil temperature regime, aspect, and slope. The soils are described as having a low, moderate, or high potential for seedling mortality.

*Volume is the yield in cubic feet per acre per year at the age of columniation of mean annual increment for fully stocked stands.

USDA-NRCS-MI FOTG NOTICE: 155 04/02